

## Preparation of 2-hydroxypropylammonium carboxylates

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ACCESSION NUMBER: 114:121452 CA

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**SOURCE:** Pol., 8 pp.  
CODEN: FOXXA7  
**DOCUMENT TYPE:** Patent  
**LANGUAGE:** Polish  
**FAMILY ACC. NUM. COUNT:** 1  
**PATENT INFORMATION:**

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 139477	B1	19870131	PL 1981-232616	19810813
OTHER SOURCE(S): MARPAT 114:121452				
AB	RR1R2N+CH2CH(OH)CH2O2CZCO2- [I; R = C4-36 alkyl, C4-36 alkenyl; R1, R2 = C1-4 alkyl, hydroxyalkyl, (CH <sub>2</sub> CH <sub>2</sub> ) <sub>n</sub> H, n = 1-16; Z = CH:CH, alkenyloxy, etc.] useful as antistatic agents, microbicide, and sequestering agents for metals such as Ca <sup>2+</sup> and Fe <sup>3+</sup> , were prep'd. by reacting ClCH <sub>2</sub> CH(OH)CH2O2CZCO2R4 (R4 = H, NH <sub>4</sub> , alkenyloxy, etc.) with RR1R2N. Me(CH <sub>2</sub> ) <sub>17</sub> N(BuOH) <sub>2</sub> , LiOH, and ClCH <sub>2</sub> CH(OH)CH2O2CCH <sub>2</sub> (:CH <sub>2</sub> )CO <sub>2</sub> H were reacted in presence of EtOH to give I [R = C18H <sub>37</sub> , R1 = R2 = BuOH, Z = CH <sub>2</sub> C(:CH <sub>2</sub> )]. Antistatic, microbidual and sequestering activity of II was demonstrated.			
IT	132387-56-5P			
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of, as bactericide and antistatic and sequestering agent)			
RN	132387-56-5 CA			
CN	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[(butyl[3-[(3-carboxy-1-oxo-2-propenyl)oxy]-2-hydroxypropyl]iminio)di-2,1-ethanediyl]bis[.omega.-hydroxy-, inner salt, (E)- (9CI) (CA INDEX NAME)			

